



TENNESSEE WEEKLY  
WEATHER AND CROP BULLETIN



State Statistician: Debra K. Kenerson  
P.O. Box 41505  
Nashville, TN 37204-1505  
1-800-626-0987

http://www.nass.usda.gov/tn

Released Weekly April - November

2003 Weather Crop 18                      Issued 3:00 P.M. 08/04/03                      Week Ending August 3, 2003

Crops and Pastures Continue to Show Improvement

Scattered showers and thunderstorms pushed through the State last week bringing much needed rainfall to many locations. Crops and pastures continued to improve from the recent moisture with most conditions falling in the good-to-excellent range. Corn development made good progress last week and a small percentage of the crop moved into the mature stage. Farmers began harvesting corn silage last week, slightly behind last year and the normal pace. Although cotton setting bolls made a 20 point jump from the week earlier, development was still a week and a half behind the 5-year average. Tobacco farmers made good progress with topping and sucker control applications. Blue mold and black shank have become more widespread with the frequent rainfall. Pasture conditions were upgraded slightly from a week ago, while hay producers wrapped up their second cutting of alfalfa. The State’s cattle herd was rated in mostly good-to-excellent condition, and producers were applying chemicals to control flies and treating isolated cases of pink eye. There were 4 days suitable for field work last week. As of Friday, topsoil moisture levels were rated 5 percent short, 75 percent adequate, and 20 percent surplus, while subsoil moisture levels were rated 6 percent short, 83 percent adequate, and 11 percent surplus.

CROP PROGRESS: Through August 3, 2003					CONDITION: On August 1, 2003					
Crop	This Week	Last Week	2002	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Dough	80	65	82	76	Corn	2	5	16	56	21
Corn - Dent	46	28	52	38	Cotton	0	5	23	62	10
Corn - Mature	3	N/A	11	6	Soybeans	1	4	19	60	16
Corn Silage - Harvest	4	N/A	15	12	Tobacco	1	6	30	51	12
Cotton - Setting Bolls	64	44	83	92	Pastures	0	2	14	65	19
Soybeans - Blooming	53	36	82	69	Cattle	0	2	14	66	18
Soybeans - Setting Pods	24	15	55	42						
Tobacco - Topped	52	35	45	52						

**CORN:** Silage harvest began last week, slightly behind normal. Nearly half of the corn crop has entered the dent or beyond stage, while only a fraction has entered into the mature stage. Although much of the corn acreage was planted late, overall development of the crop continues at normal pace. Over three-fourths of the crop was rated in good-to-excellent condition.

**COTTON:** Cotton remained in mostly fair-to-good condition with 64 percent setting bolls, nearly a week behind last year. Insect pressure remained light to none in most areas.

**SOYBEANS:** Soybean development is currently lagging about a week behind the 5-year average with over half of the crop blooming and one-fourth setting pods. The crop was rated in mostly good condition.

**TOBACCO:** Growers were busy topping and applying sucker controls last week. Harvest is expected to be underway in the next week or two. Blank shank and blue mold continued to cause problems in some areas. Tobacco condition remained in the fair-to-good category.

**CATTLE, PASTURES & HAY:** Cattle and pastures were rated in mostly good-to-excellent condition. The second cutting of alfalfa was nearly completed last week with some producers starting their third. Some cattle producers were selling calves earlier than normal because of relatively high market prices.

TEMPERATURES AND PRECIPITATION For week ending: 08/04/03 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 08/04/03				Current Week	Rain	Current	From	Since April 1	
	HI	LO	AVG	DFN	08/04/03	Days	Since January 1	Normal	Total	DFN
Ames_Plantation	95	66	79	+0	4.79	4	45.80	+13.21	1460	-50
Tri-City_RGNL_A	88	62	75	+1	3.79	6	40.19	+14.46	977	-19
Brownsville_TN	96	71	81	+2	2.77	5	37.08	+4.46	1578	+264
Chattanooga/Lov	91	68	79	-1	1.01	3	45.03	+11.86	1431	+42
Clarksville_Sew	95	67	79	+2	2.02	3	31.32	+0.48	1373	+50
Cookeville	90	66	76	-1	1.27	4	44.80	+9.72	1058	+249
Covington	95	68	79	-2	4.12	4	36.75	+4.62	1409	-131
Crossville_AP	86	64	74	+0	1.51	6	44.92	+10.27	959	+34
Dickson_AG	91	61	74	-5	5.51	6	37.25	+4.05	1057	-335
Dover_1W	95	67	78	+2	4.67	5	36.00	+3.82	1246	+81
Dyersburg	95	68	79	-2	2.66	6	32.05	+1.11	1514	-129
Erwin_1W	89	64	75	+3	1.84	5	37.25	+6.29	896	-302
Huntingdon_Wate	96	68	78	-1	2.56	6	34.31	+1.86	1330	+80
Jackson_AG	95	68	79	-1	2.63	5	33.53	+1.04	1436	-19
Kingston_AG	88	66	77	+2	3.51	5	43.34	+7.01	1106	+32
Knoxville_AP	91	67	78	+1	1.84	6	39.33	+9.15	1279	+82
Lewisburg	93	62	78	+1	1.27	2	42.01	+7.66	1174	-42
Lexington_TN	95	61	78	-2	2.78	5	35.69	+4.08	1313	+443
Linden	93	60	77	-1	2.64	4	40.52	+6.00	1126	-102
Martin	93	69	78	-1	3.22	5	37.16	+4.47	1353	-47
Mc_Minnville_Tn	90	66	77	-1	1.73	4	42.50	+9.16	1260	-297
Memphis_AG	96	69	80	-4	1.16	4	35.62	+4.00	1544	-286
Milan	97	67	79	+0	2.14	6	35.60	+2.30	1381	+15
Murfreesboro_5N	93	67	78	-1	2.26	5	40.35	+7.63	1238	-306
Nashville_Metro	94	69	79	+0	2.54	4	40.46	+11.07	1374	-79
Newcomb	88	63	75	+2	2.97	5	43.28	+9.37	980	+115
Oneida	87	66	75	+2	2.91	6	39.74	+5.83	961	-337
Pikeville	92	65	78	+2	0.88	6	46.56	+13.36	1217	+28
Portland_TN	91	65	77	-1	3.40	4	39.11	+7.11	1154	-31
Pulaski_Water_P	92	68	79	-1	0.55	2	41.84	+7.80	1241	-222
Savannah_6SW	95	66	78	-3	2.49	4	46.26	+10.87	1230	-39
Sparta_TN	91	66	78	+2	2.78	6	47.25	+13.08	1256	+233
Springfield	93	64	77	+2	4.60	5	33.28	+2.45	1181	-21
Springhill	95	65	78	+1	1.60	6	40.70	+6.41	1318	+109
Union_City	93	68	77	-1	2.93	6	35.28	+3.48	1261	-108
Waynesboro_TN	92	64	77	+0	1.51	5	39.76	+3.66	1174	-240

DFN = Departure From Normal (Using 1961-90 Normals Period).    GDD = Growing Degree Days.  
 Precipitation Days = Days with precip of 0.01 inch or more.    Precipitation (rain or melted snow/ice) in inches.  
 Copyright 2003: AWIS, Inc. All Rights Reserved

The Tennessee Agricultural Statistics Service gratefully acknowledges contributions to this publication by:  
 National Weather Service, and the University of Tennessee’s Extension Service.